

Energy Flow in Ecosystem Performance Task

Name: _____

Date: _____

Score: _____

Part 1: What did you eat?

List three types of food you ate in the past few days. Under each item, write the name of the plant, animal, or other organisms that was the source of that food. Some foods have more than one source. For example, macaroni and cheese contains flour (which is made from a plant such as wheat) and cheese (which comes from the milk of an animal).

Analyze: How many of your food sources were plants? How many were animals? What does this say as your energy role?

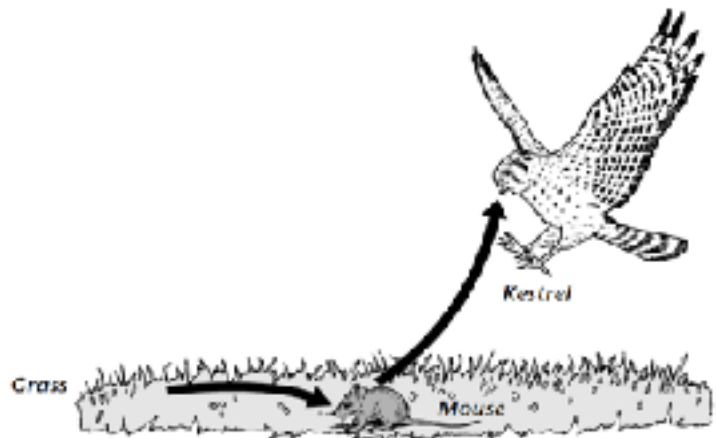
Part 2: A Food Chain

Label the producer and the first-level and second-level consumers in the food chain.

Producer: _____

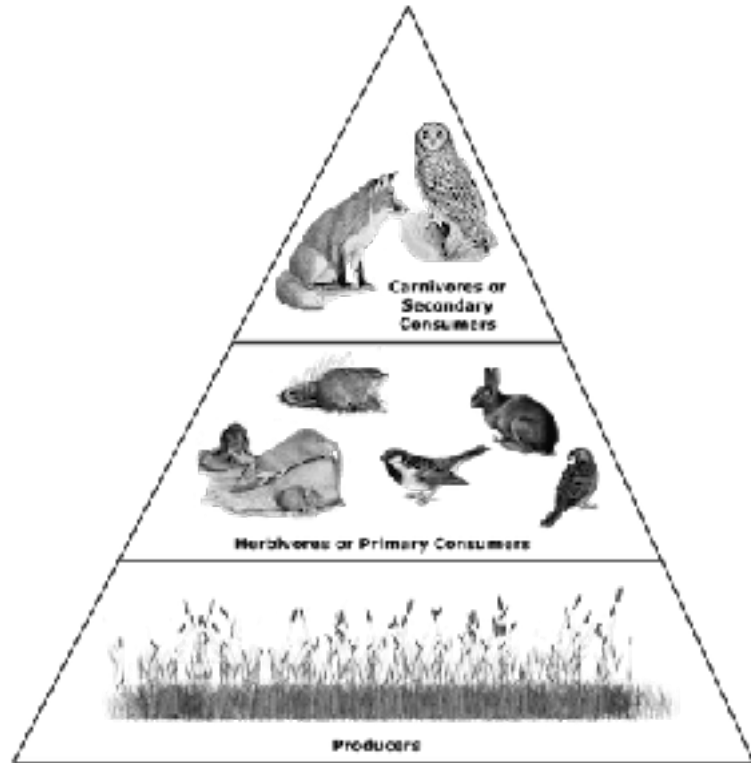
First - Level Consumer:

Second - Level Consumer:



Part 3: Analyzing Energy Pyramid

The image below is an energy pyramid. Describe what the energy pyramid is trying to explain and how does this translate into a food chain?



Part 4: Analyzing Food Webs

Describe what a food web is trying to show and choose two food chains to help prove your description.

